Dimplex

Installation and Operating Instructions

HD20A Hand dryer

T020406/A

Important Safety Advice

WARNING - THE SURFACES OF THIS UNIT CAN BE HOT.

WHEN IN USE, THE AIR OUTLET GRILLE GETS HOT. DO NOT TOUCH IT OR COVER IT.

WARNING – DO NOT USE THIS DRYER IN THE IMMEDIATE SURROUNDINGS OF A BATH, A SHOWER OR A SWIMMING POOL.

IMPORTANT - DO NOT COVER THE HAND DRYER. Do not obstruct the air circulation around the dryer as this could create a fire risk.

NEVER cover or obstruct in any way the air inlet or outlet slots in the casing of the dryer.

FOLLOW these instructions carefully.

General

Description of hand dryer

The sole purpose of the hand dryer is to dry hands. The hands are dried in a stream of warm air that flows out of the air outlet grille. The hands can be rubbed together to accelerate drying.

The hand dryer has an infrared proximity switch. This switches the unit on automatically when the hands are held beneath the air outlet grille. If the hands are removed from underneath the air outlet grille, the infrared proximity switch switches the device off after a delay of approximately 3 seconds.

The hand dryer must be mounted in a closed room and must be mounted on a vertical wall with the air outlet opening pointing downwards. The unit is not suitable for free- standing applications.

Technical specifications

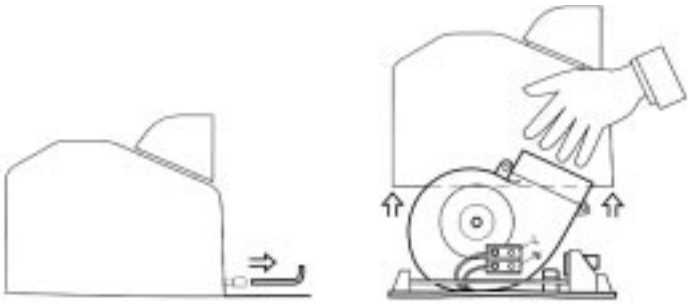
Type	HD20A
Operating voltage	230 V – 50 Hz
Power	2250 Watts
Degree of protection	IP 23
Protection class	1
Type of connection	Fixed connection
Type of mounting	Wall-mounting
Operation	Proximity switch
Time delay	Run-on time of min. 3 seconds
Air throughput	470 m^3/h
Dimensions W x H x D	278 x 248 x 210 mm
Weight	approx. 6.5 kg

Materials supplied with hand dryer

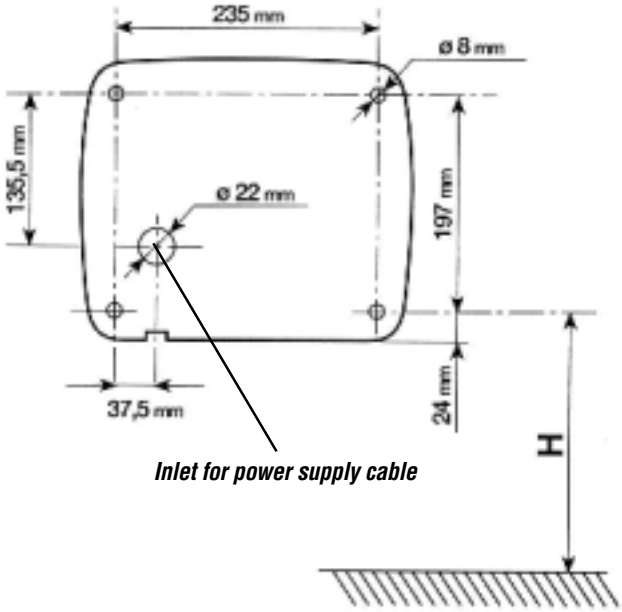
The hand dryer comes complete with a drilling template and fittings.

Installation

Undo the casing cover screws using the spanner supplied and remove the casing.



Mount the hand dryer on a vertical wall with the air outlet opening pointing downwards, bearing in mind the mounting dimensions and minimum clearances detailed below.



Recommended installation height H: Adults 115 cm, children 80 cm.

There must be a minimum clearance of 220 mm on either side.

Mark the four mounting holes using the template supplied (see diagram above).

The screws and Rawlplugs for wall-mounting are supplied with the unit. However, specialist mounting materials may need to be used according to the method of construction (e.g. lightweight partition walls). Seek specialist advice.

When inserting the Rawlplugs, be careful of existing electrical cables in the walls. Risk of electric shock.

Drill Ø 8 mm holes for the Rawlplugs and insert the plugs.

Electrical connections

WARNING - THIS PRODUCT MUST BE EARTHED.

This dryer must be used on an ~ supply only and the voltage marked on the dryer must correspond to the supply voltage.

IMPORTANT — READ CAREFULLY AND RETAIN FOR FUTURE REFERENCE

Supply cable is not supplied with this appliance. Supply cable used should be suitable for the rating of the appliance.

For wiring between the dryer and the spur outlet or isolation switch, use a suitable heat resisting cable (e.g. butyl rubber or high temperature PVC insulated).

The supply circuit to the dryer must incorporate a suitably rated double pole isolating switch having a contact separation of at least 3 mm, in all poles.

Before carrying out any further mounting work, disconnect the relevant circuit from the mains supply.

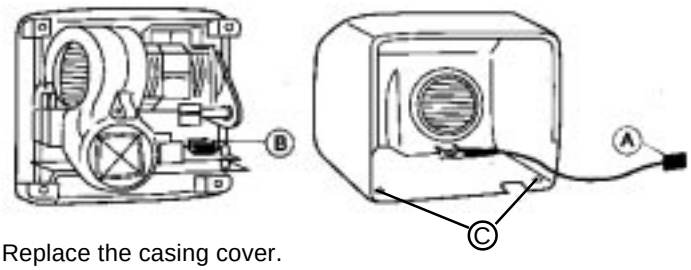
Strip the power supply cable and guide it through the opening in the back plate of the device or the screwed cable gland.

Screw the back plate of the unit to the wall.

Connect the electrical cable to the terminal. Note the terminal labels.

Final assembly

Insert plug A on the sensor cable into socket B. Make sure that the cable will not be pulled in any way when the casing cover is put on, and that the cable cannot come into contact with moving parts.



Replace the casing cover.

Insert the two casing screws in the bottom of the casing cover (C) and screw them in tightly.

Operation

When in use, the air outlet grille gets hot. Do not touch it or cover it.

The hand dryer has an infrared proximity switch which switches on automatically when hands are placed underneath the air outlet grille to be dried and stays on until the hands are removed from the stream of hot air.

The unit runs on for approximately 3 seconds. If the unit is too sensitive, ask a suitably qualified person to change the jumper position on the electrical circuit board (there are two positions for high and low sensitivity). Please refer to the separate service information for details.

Maintenance

WARNING – DISCONNECT FROM THE MAINS SUPPLY BEFORE CARRYING OUT ANY MAINTENANCE

This dryer does not require any special maintenance.

Cleaning

The external appearance can be maintained by wiping occasionally with a damp cloth; for stain removal, a weak soap solution can be applied, then wipe dry. Do not use abrasive products which could damage the polyester coating.

Guarantee

Your product is guaranteed for one year from the date of purchase. We undertake to repair or exchange free of charge within the guarantee period any part foud to be defective. Your rights under the guarantee are additional to your statutory rights, which in turn are unaffected by this guarantee.

If the product is not working correctly, please contact our Customer Helpline on 0870 727 0101.

This guarantee only applies in the United Kingdom.

Trouble-shooting

Problem	Possible cause	Remedy
No stream of hot air	Household fuse tripped.	Check fuse.
	Overheat protection has triggered	Allow unit to cool for around 5 minutes
	The sensor panel of the proximity switch has been deliberately covered (with something like chewing gum or adhesive strips)	Remove foreign body from sensor panel, clean proximity switch sensor panel.
Unit will not switch off	Distance from fixed object beneath dryer (e.g. sink or shelf) too small.	Distance from fixed object should be min. 300 mm.

If the problem cannot be remedied using the methods described above, disconnect the fuse and refer service to a qualified engineer, or contact the Customer Helpline detailed below.

All repairs to the hand dryer must be carried out by a suitably qualified person.

This product complies with the European Safety Standard EN60335-2-23 and European Standards EN55014-2:1997, EN550141+A1:1997, EN61000-3-2+A12:1996, EN61000-3-3:1995 for Electromagnetic Compatability. These standards cover the requirements of the EEC Directives 73/23/EEC and 89/336/EEC.

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Customer Helpline
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